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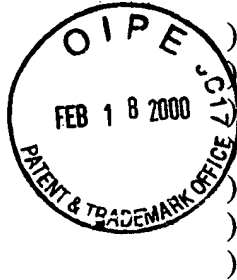
Group 2700

In re Patent Application of:

J. Langseth, et al.

Serial No.: 09/488,924

Filed: January 21, 2000



Examiner: Unknown

Group Art Unit: Unknown

For: SYSTEM AND METHOD FOR REVENUE GENERATION IN AN AUTOMATIC  
REAL-TIME DELIVERY OF PERSONALIZED INFORMATIONAL AND  
TRANSACTIONAL DATA

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

**PETITION TO MAKE SPECIAL**

This is a Petition To Make Special for accelerated examination of the above-referenced application. The application is a regular utility application filed January 21, 2000. The petition fee is enclosed. The Commissioner is authorized to charge any further fees or credit any overpayments to Deposit Account No. 50-0206.

This Petition To Make Special is being made under MPEP 708.02 (VIII). In accordance with that section, Applicants hereby request and submit:

- A. The present Petition To Make Special with fee.
- B. A set of claims directed to a single invention, as presented in the utility application filed on January 21, 2000.

C. Applicants have caused a pre-examination patentability search to be made.

Applicants commissioned a patentability search on February 14, 2000, in the following fields of search:

<u>Class</u>	<u>Subclass</u>
340	323R, 500, 539, 601, 825.26, 825.44
358	400, 402, 442
379	93.01, 93.24, 100.01, 100.01, 106.01
455	31.2, 31.3, 404, 412, 414, 458, 466, 556
705	14, 26, 35
707	10, 102, 104
709	201, 217, 218, 219

D. An Information Disclosure Statement is being filed herewith that contains a copy of each reference identified as a result of the pre-examination search.

E. The independent claims of the application are:

1. A system for delivering personalized informational content to subscribers comprising:

a personalized intelligence network system comprising:

subscription means for enabling users to subscribe to one or more services on one or more channel databases;

one or more channel databases containing informational data about a subject matter of interest for a plurality of subscribers;

service processing means for processing at least one service for a plurality of subscribers using the information from one of the channel databases;

output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and

revenue generating means for generating revenue as a result of the output of services to subscribers.

28. A method for delivering personalized informational content to subscribers through a personalized intelligence network system comprising:

enabling users to subscribe to one or more services on one or more channel databases from a personalized intelligence network system that contain informational data about a subject of interest for subscribers;

processing at least one service for each of a plurality of subscribers using the information from one of the channel databases;

automatically forwarding output from the services to one or more subscriber output devices specified for that service; and

generating revenue from one or more participant in the system.

F. Applicants submit a detailed discussion of the references from the search as follows:

1. U.S. Patent No. 6,014,638

U.S. Patent No. 6,014,638 appears to disclose a system for customizing content and presentation of content to computer users. The system monitors and records a user's navigational choices and determines the user's needs and preferences for subsequent computer displays. The displays are customized according to the needs and preferences determined. *See* Column 3, lines 1-17.

U.S. Patent No. 6,014,638 does not disclose at least "service processing means for processing at least one service for each of a plurality of subscribers using the

information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

2. U.S. Patent No. 6,009,410

U.S. Patent No. 6,009,410 appears to disclose a system for presenting customized advertising to an Internet user. The system dynamically creates advertising pages that are downloaded to a user’s system that contain advertising material specifically customized to that user’s interests. *See* Column 2, lines 12-55. U.S. Patent No. 6,009,410 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

3. U.S. Patent No. 6,006,251

U.S. Patent No. 6,006,251 appears to disclose a system for providing services to end users based on individual taste and utilization histories of the end users. The system changes the services based on additions or modifications to a service of an information providing computer. U.S. Patent No. 6,006,251 also discusses payment of service fees to information providers. *See* Column 2, lines 48-65. U.S. Patent No. 6,006,251 does not disclose at least “service processing

means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

4. U.S. Patent No. 5,999,975

U.S. Patent No. 5,999,975 appears to disclose a system for providing appropriate information to a user based on the user’s interest. The system utilizes attribute values corresponding to information transmitted to a user. *See* Column 6, line 45-Column 7, line 3. U.S. Patent No. 5,999,975 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

5. U.S. Patent No. 5,944,786

U.S. Patent No. 5,944,786 appears to disclose a system for automatically notifying a user that electronic mail has been received. The system telephones the user and delivers a voice message indicating that electronic mail has been received. *See* Column 4, lines 25-40. U.S. Patent No. 5,944,786 does not disclose at least “service processing means for processing at least one service for

each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

6. U.S. Patent No. 5,933,811

U.S. Patent No. 5,933,811 appears to disclose a system for delivering customized advertisements to a plurality of users. The system tracks user responses to advertisements and customizes advertisements delivered to that user based on that user’s responses. The system also discloses paying an Internet service provider based on the number of advertisements viewed by users. *See* Column 2, lines 45-58 and Column 4, lines 36-47. U.S. Patent No. 5,933,811 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

7. U.S. Patent No. 5,892,447

U.S. Patent No. 5,892,447 appears to disclose a system for alerting a person of the proximity of another person. U.S. Patent No. 5,892,447 does not disclose at least “service processing means for processing at least one service for

each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

8. U.S. Patent No. 5,878,337

U.S. Patent No. 5,878,337 appears to disclose a system that provides authorization, notification, and security of financial transactions. U.S. Patent No. 5,878,337 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

9. U.S. Patent No. 5,850,433

U.S. Patent No. 5,850,433 appears to disclose a system for providing an on-line directory service. The system develops unique customer profiles that may be used to present a user with customized responses to a request. *See* Column 3, lines 25-38. U.S. Patent No. 5,850,433 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or

more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

10. U.S. Patent No. 5,848,396

U.S. Patent No. 5,848,396 appears to disclose a system for presenting advertisements to a user based on psychographic or behavioral profiles of the user. The system tracks and profiles user activity to determine a user's habits and preferences. The profile is then used to present users with customized advertisements. *See* Column 2, lines 3-15. U.S. Patent No. 5,848,396 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

11. U.S. Patent No. 5,845,073

U.S. Patent No. 5,845,073 appears to disclose a system for customizing a multi-provider on-line system. The on-line system may be customized to provide users with various features. U.S. Patent No. 5,845,073 also discloses billing for on-line service. *See* Column 2, lines 14-41. U.S. Patent No. 5,845,073 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the



services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

12. U.S. Patent No. 5,819,284

U.S. Patent No. 5,819,284 appears to disclose a system for displaying personalized information, such as traffic, weather, and sports, that is of interest to a particular user. A user profile may be used to personalize the information presented to the user. *See abstract.* U.S. Patent No. 5,819,284 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

13. U.S. Patent No. 5,793,972

U.S. Patent No. 5,793,972 appears to disclose a system for creating a personalized computer user interface based on a uniform resource locator provided in an electronic mail message. *See Column 2, lines 28-50.* U.S. Patent No. 5,793,972 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices

specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

14. U.S. Patent No. 5,721,827

U.S. Patent No. 5,721,827 appears to disclose a system for delivering personalized information to individual subscribers. The system utilizes subscriber indications of the subscriber’s general interest, characteristics, and preferences to personalize the information. *See* Column 1, line 66-Column 2, line 9. U.S. Patent No. 5,721,827 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

15. U.S. Patent No. 5,717,744

U.S. Patent No. 5,717,744 appears to disclose a system for notifying a user that data has been received. The system notifies the user by voice that data has been received by a receiving device. *See* abstract. U.S. Patent No. 5,717,744 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that

service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

16. U.S. Patent No. 5,675,721

U.S. Patent No. 5,675,721 appears to disclose a system for prioritizing data and sending only relevant data to a user. *See* abstract. U.S. Patent No. 5,675,721 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

17. U.S. Patent No. 5,664,009

U.S. Patent No. 5,664,009 appears to disclose a system for automatically notifying a telecommunication service subscriber of pending voice mail messages. *See* abstract. U.S. Patent No. 5,664,009 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

18. U.S. Patent No. 5,663,717

U.S. Patent No. 5,663,717 appears to disclose a system for prioritizing messages and alerts in a radio communication system. *See* Column 2, lines 51-61. U.S. Patent No. 5,663,717 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

19. U.S. Patent Nos. 5,317,628 and 5,586,173

U.S. Patent Nos. 5,317,628 and 5,586,173 appear to disclose a message management system for notifying subscribers of the arrival of multimedia messages. *See* abstract. U.S. Patent Nos. 5,317,628 and 5,586,173 do not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

20. U.S. Patent No. 5,530,438

U.S. Patent No. 5,530,438 appears to disclose a system for providing an alert of a financial transaction to a user. *See* abstract. U.S. Patent No. 5,530,438

does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

21. U.S. Patent No. 5,513,126

U.S. Patent No. 5,513,126 appears to disclose a system for automatically distributing information to a user. A receiver profile is used to define properties and mode of receipt for distributing the information. *See* Column 4, lines 40-56. U.S. Patent No. 5,513,126 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

22. U.S. Patent No. 5,493,692

U.S. Patent No. 5,493,692 appears to disclose a system for selective delivery of electronic messages to a user. The system uses priorities assigned to a message to determine when to deliver the message. *See* Column 4, lines 27-43. U.S. Patent No. 5,493,692 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the

information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

23. U.S. Patent No. 4,868,561

U.S. Patent No. 4,868,561 appears to disclose a method of reprogramming alert patterns in a remote receiver. *See* Column 5, lines 32-49. U.S. Patent No. 4,868,561 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

24. U.S. Patent No. 5,444,433

U.S. Patent No. 5,444,433 appears to disclose a system for alerting a user to an emergency or weather condition. *See* abstract. U.S. Patent No. 5,444,433 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

25. U.S. Patent No. 5,307,059

U.S. Patent No. 5,307,059 appears to disclose a system for alerting a user that a particular signal has been received by utilizing a personalized alert signal. *See* Column 2, lines 47-68. U.S. Patent No. 5,307,059 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

26. U.S. Patent No. 5,281,962

U.S. Patent No. 5,281,962 appears to disclose a system for generating tag information for call messages. The tag information may be used to identify a source of the message. *See* Column 5, lines 27-41. U.S. Patent No. 5,281,962 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

27. U.S. Patent No. 5,216,517

U.S. Patent No. 5,216,517 appears to disclose a communication system that determines whether to accept or reject transmitted data, automatically transmit data to another communication terminal, and display auxilliary data. *See* abstract. U.S. Patent No. 5,216,517 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

28. U.S. Patent No. 5,192,999

U.S. Patent No. 5,192,999 appears to disclose a multi-purpose computerized television system for generating a plurality of video images in association with a personal computer. *See* abstract. U.S. Patent No. 5,192,999 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”



29. U.S. Patent No. 4,812,843

U.S. Patent No. 4,812,843 appears to disclose a system for providing information regarding traffic conditions. A user may access the system by telephone and receive updated reports regarding traffic conditions of specific commuter routes. *See abstract.* U.S. Patent No. 4,812,843 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

30. U.S. Patent No. 4,598,367

U.S. Patent No. 4,598,367 appears to disclose an automated financial quotation system for providing financial information based on user input. *See Column 2, lines 41-53.* U.S. Patent No. 4,598,367 does not disclose, at least, “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

31. U.S. Patent No. 4,207,598

U.S. Patent No. 4,207,598 appears to disclose an automatic mail sending system. *See Abstract.* U.S. Patent No. 4,207,598 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

32. U.S. Patent No. 5,850,520

U.S. Patent No. 5,850,520 appears to disclose a system for distributing an electronic publication. The electronic publication may include customized advertising, customized content, or both. The electronic publication is delivered to a user via electronic mail. *See Abstract.* U.S. Patent No. 5,850,520 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

33. U.S. Patent No. 6,018,569

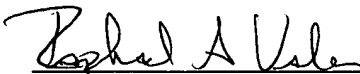
U.S. Patent No. 6,018,569 appears to disclose a system for reproducing a recorded message at a time designated by a user. *See* Abstract. U.S. Patent No. 6,018,559 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

34. U.S. Patent No. 6,009,153

U.S. Patent No. 6,009,153 appears to disclose a method of programming operating perimeters in an electronic device using a telephone network. *See* Abstract. U.S. Patent No. 6,009,153 does not disclose at least “service processing means for processing at least one service for each of a plurality of subscribers using the information from one of the channel databases; output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and revenue generating means for generating revenue as a result of the output of services to subscribers.”

On the basis of the foregoing, the Applicants respectfully request the granting of this Petition To Make Special so that the application will be taken up promptly, and respectfully solicit favorable examination at that time.

Respectfully submitted,

By:   
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